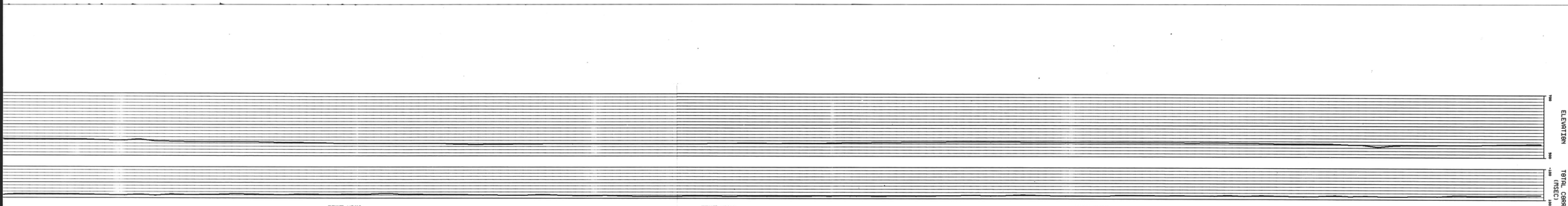
terra
2060 Walkley Rd
Ottawa, Ont
Canada K1G 3P1
Tel (613) 731-9571
Telex 053-3502
Cable TERRA

PROJ. NO. 9229 10N 3E

LINE NO.

9229-01F3-3E

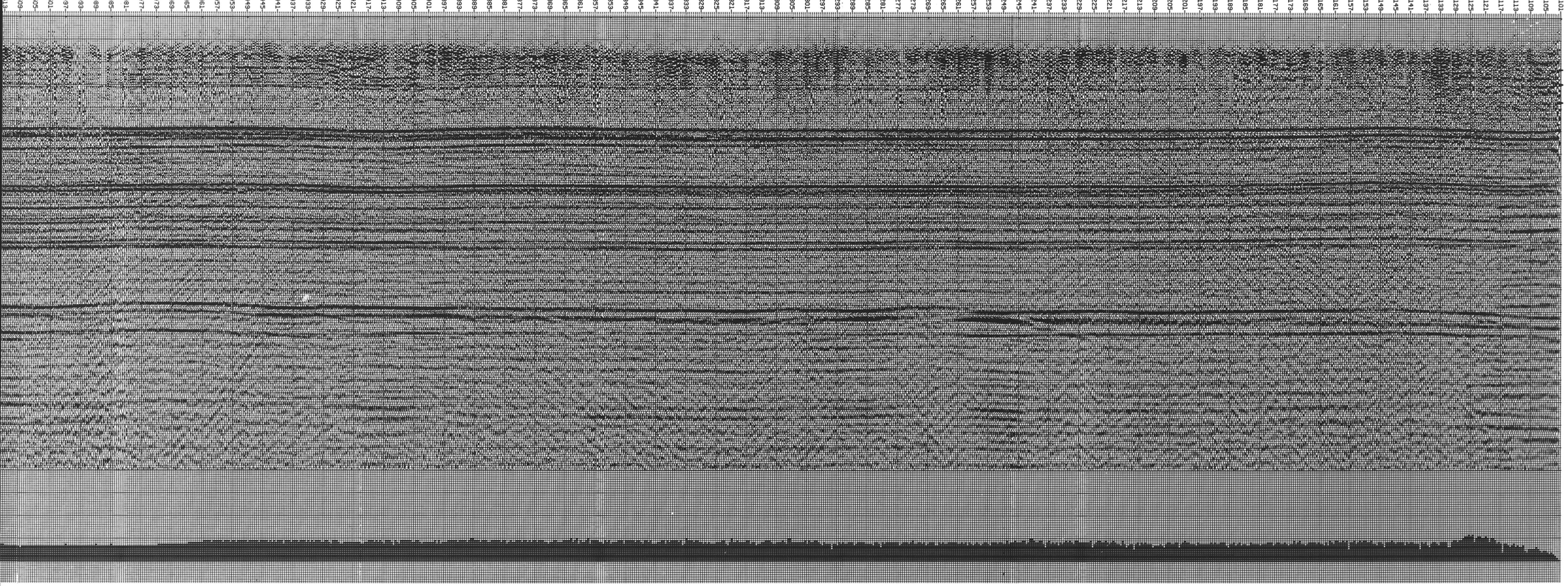


TIME	VRMS
0	1500
200	1500
300	1750
400	2050
500	2300
600	2500
700	2650
800	2850
900	3000
1000	3300
1300	3500
1500	3900
2000	4600

TIME	VRMS
0	1500
200	1650
300	1950
400	2100
500	2300
600	2500
700	2650
800	2850
900	3000
1000	3300
1300	3500
1500	3900
2000	4600

TIME	VRMS
0	1500
200	1750
300	1900
400	2150
500	2350
600	2500
700	2650
800	2950
900	3100
1000	3300
1300	3500
1500	3900
2000	4600

TIME	VRMS
0	1500
200	1650
300	1900
400	2100
500	2300
600	2500
700	2650
800	2850
900	3000
1000	3300
1300	3500
1500	3900
2000	4600



SEFEL GEOPHYSICAL
DATA PROCESSING CONSULTANTS
(CALGARY)

CLIENT NORTHCOR ENERGY LTD

PROSPECT ISLAND RIVER

LINE OSM-5 DIRECTION S. E. →

FIELD PARAMETERS

SHOT BY	SEFEL GEOPHYSICAL PARTY 506
DATE SHOT	MARCH 1983
SOURCE	DYNAMITE
SOURCE PATTERN	SINGLE HOLE
CHARGE SIZE	2 KG AT 12 M
GEOPHONE TYPE	GEOSPACE
GEOPHONE FREQ	10 HZ
GEOPHONE PATTERN	9 AT 3 M INTERVALS
INSTRUMENTS	MDS-10 96 TRACES
FORMAT	SEG B
RECORDING FILTER	9-18 - 125-72 HZ
RECORD LENGTH	3 SEC
SAMPLE INTERVAL	2 MS
SPREAD GEOMETRY	1200-25-X-25-1200
GROUP INTERVAL	25 M
SHOT POINT INTERVAL	100 M

PROCESSING SEQUENCE

1	DEMULTIPLEX WITH GAIN REMOVAL PROCESSING SAMPLE RATE	2 MS
2	CDP TRACE GATHERS	1200 PERCENT
3	AUTOMATIC GAIN CURVE APPLICATION	
4	INSTRUMENT PHASE COMPENSATION	
5	GEOPHONE PHASE COMPENSATION	
6	SPIKING DECONVOLUTION WINDOW (MINIMUM OFFSET) (TAPERING WITH OFFSET) OPERATOR LENGTH PREWHITENING	300-1300 MS 80 MS 1 PERCENT
7	WEATHERING STATICS DATUM ELEVATION DATUM VELOCITY WEATHERING VELOCITY	700 M ASL 2750 M/SEC 610 M/SEC
8	VELOCITY ANALYSIS	
9	MMB AND EDITS	
10	AUTOMATIC RESIDUAL STATICS MAX CORRELATION LAG WINDOW	+-30 MS 350-1300 MS
11	COMMON OFFSET STACK	
12	RESIDUAL MMB	
13	AUTOMATIC RESIDUAL STATICS MAX CORRELATION LAG WINDOW	+-15 MS 350-950 MS
14	MUTE	
15	STACK	1200 PERCENT
16	BAND PASS FILTER	8/16-100/120 HZ
17	EQUALIZATION WINDOW	300-1700 MS
18	FILM DISPLAY POLARITY	NORMAL 16 TRACE/IN. 7.5 INCHES/SEC

GC GEOPHYSICIST TCS DATE MAY, 1983

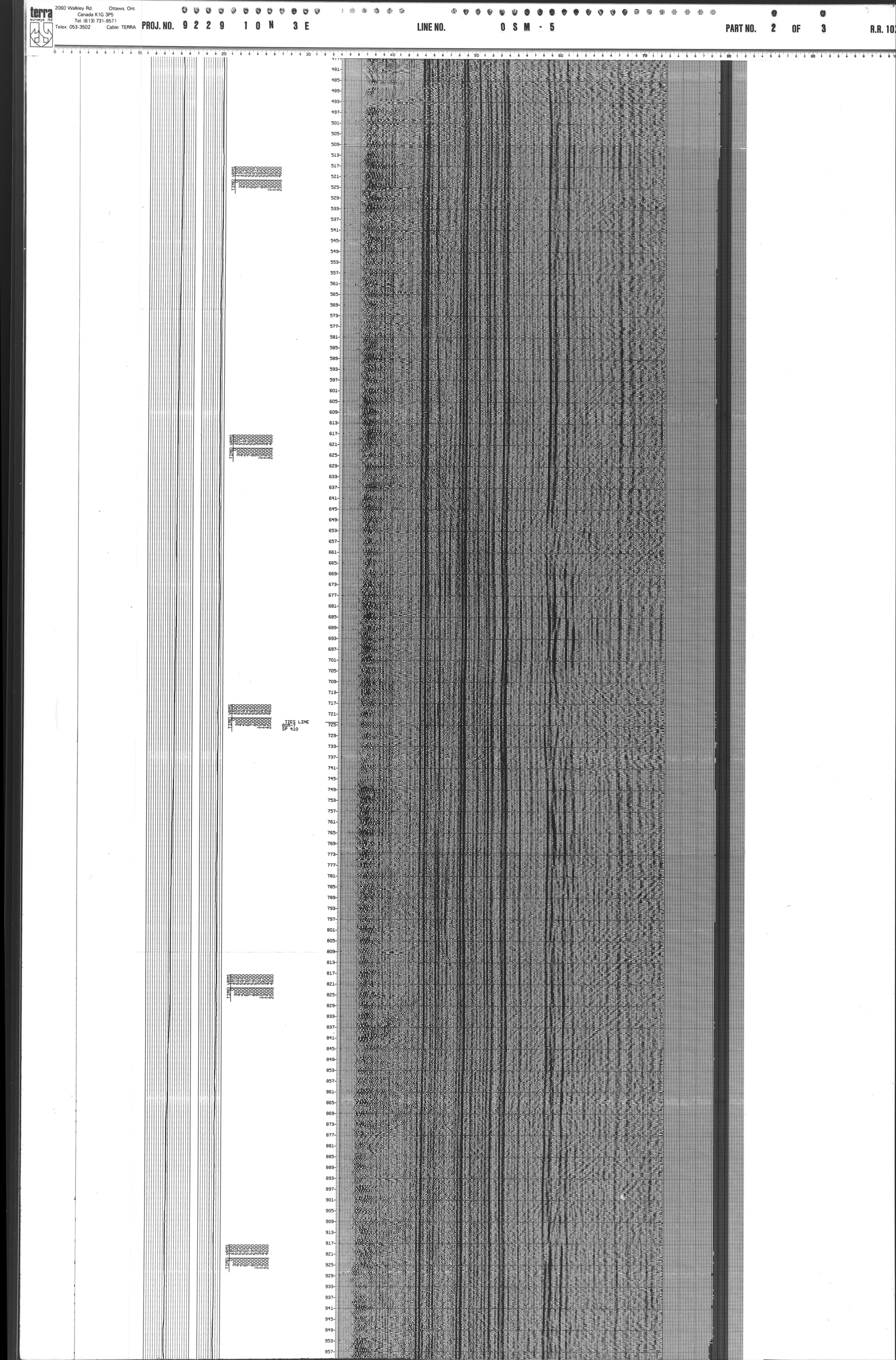
OSM-5

PART NO. 1 OF 3

R.R. 10X

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PROJ. NO. 9229 10N 3E | LINE NO. OSM-5 | PART NO. 2 OF 3 | R.R. 10



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PROJ. NO. 9229 10N 3E | LINE NO. OSM-5 | PART NO. 3 OF 3 | R.R. 10X

